

THERE IS CLAIMED:

1. A connector for connecting two medium-voltage electrical power cables each including at least one conductor surrounded by an insulative jacket, which connector includes tubular screw contacts adapted to connect together stripped ends of said conductors inserted into said contacts and retained by means of screws and, at one end at least, extension means attached to said connector and adapted to cover a portion of said insulative jacket of said cable over a length greater than 10 mm.

2. The connector claimed in claim 1 wherein said covering means cover said insulative jacket over a length from 10 mm to 20 mm.

3. The connector claimed in claim 1 wherein said extension means have a rounded free end.

4. The connector claimed in claim 1 wherein said extension means comprise a rigid annular flange at the periphery of said connector.

5. The connector claimed in claim 4 wherein said flange is an integral part of said connector.

6. The connector claimed in claim 1 wherein said extension means comprise a flexible semiconductor rubber skirt fixed to the periphery of said connector.

7. A connection between two medium-voltage electrical power cables each including at least one conductor surrounded by an insulative jacket, said connection including a connector as claimed in any one of the preceding claims and an insulative sheath adapted to cover intimately at least said connector.

8. The connection claimed in claim 7 wherein the space between said connector and said insulative jacket of the corresponding cable is filled with a layer of insulative mastic.

9. The connection claimed in claim 8 wherein the

space between said layer of insulative mastic and each screw is filled with conductive mastic.

10. The connection claimed in claim 8 wherein the space between said layer of insulative mastic and each screw is filled by a semiconductor material cap.